

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	SIP/Planning Activity	Output/Reporting Mechanism	Time Frame
1	<p>Consult with EPA, as necessary, to finalize Ozone Nonattainment Boundary Determinations</p> <p>ADEQ: Completed. Crittenden County, AR designated nonattainment. Remainder of State attainment/unclassifiable.</p> <p>EPA: We appreciate ADEQ's involvement in the designation process.</p>	Periodic Planning Calls / Governor's Letter	TBD based upon 2011 Ozone NAAQS Final Rule.
2	<p>Begin drafting Ozone Nonattainment SIP</p> <p>ADEQ: Unable to draft as yet since Implementation Rule not yet promulgated.</p> <p>EPA: The rule is expected in 2013. EPA notes that marginal area SIP requirements will apply to Crittenden County (Clean Air Act section 182(a)).</p>	Periodic Planning Calls / EOY Review	9/30/12
3	<p>Continue to work with EPA on issues related to submitted regional haze SIP.</p> <p>ADEQ: Discussions with EPA R6 are ongoing.</p> <p>EPA: We appreciate your commitment to resolving issues with the submitted regional haze SIP. EPA finalized its partial approval and partial disapproval of the submitted regional haze SIP in Feb 2012. ADEQ has been working with EPA to revise the disapproved portions of the SIP.</p>	Periodic Planning Calls	<p>Ongoing</p> <p>EPA: FIP clock for disapproved portions of the regional haze SIP expires in March 2014.</p>

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	SIP/Planning Activity	Output/Reporting Mechanism	Time Frame
4	<p>Respond for areas newly discovered with air quality data that comes close to violating any PM NAAQS.</p> <p>ADEQ: No newly discovered areas based on 2009 – 2011 data</p> <p>EPA: Acknowledged</p>	End-of-year review	9/30/2012
5	<p>Work with Region as necessary to address 110(a)(2) requirements for PM2.5.</p> <p>ADEQ: Rulemaking to address PM2.5 was initiated Sept 2012.</p> <p>EPA: We appreciate that ADEQ has initiated rulemaking for PM2.5 permitting; however we cannot provide feedback on the adequacy of the proposed rules because the rules have not been finally adopted and ADEQ has not submitted a revised SIP. The rulemaking will address related infrastructure SIP requirements.</p>	Periodic Planning calls and end-of-year review	9/30/2012
6	<p>Work with EPA to address any issues raised related to submitted “Threshold Revision” SIP.</p> <p>ADEQ: Awaiting questions from EPA.</p> <p>EPA: We note that ADEQ has submitted this “Threshold Revision” SIP and appreciate ADEQ’s willingness to address our concerns when they are identified.</p>	Periodic Planning Calls	Ongoing

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	SIP/Planning Activity	Output/Reporting Mechanism	Time Frame
7	<p>Submit draft, proposed, and/or final SIPs, equivalency demonstrations, and/or delegation requests, as necessary, in response to revisions to NSR rules.</p> <p>EPA: We note that ADEQ has submitted rules for GHG PSD permitting.</p>	Submission to EPA	Ongoing / Within timeframes specified in CAA / federal rules
8	<p>Develop a schedule for adoption of rules, submittal of negative declarations, or requests for delegation of Hospital/Medical/Infectious Waste Incinerators, CISWI and small Municipal waste combustion units.</p> <p>EPA: In May Arkansas submitted Negative declarations for HMIWI and Sewage Sludge Incinerators. EPA will be processing these negative declarations during 2013.</p>	Periodic Planning Calls / EOY Review	9/30/12
9	<p>Continue to work with EPA to resolve outstanding issues in regard to ADEQ's 2010 submitted Negative Declaration for MSW Landfills.</p> <p>ADEQ: Discussions between ADEQ and R6 are ongoing.</p> <p>EPA: We appreciate the efforts to resolve issues with the negative declaration.</p>	Periodic Planning Calls / EOY Review	9/30/12
10	<p>Submit revisions to the SIP rules, as necessary, within time frame allowed by federal rules.</p> <p>ADEQ: GHG SIP submitted June 2012.</p> <p>EPA: ADEQ submitted the final adoption of the GHG Tailoring Rule and Biomass Deferral in November 2012.</p>	SIP Submittal	As needed / Within timeframes specified in CAA / federal rules

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	SIP/Planning Activity	Output/Reporting Mechanism	Time Frame
11	<p>Implement applicable requirements of the approved SIP</p> <p>ADEQ: Accomplished through permitting and enforcement. CAIR allocations made following stay of CSAPR.</p> <p>EPA: ADEQ is implementing CAIR pursuant to the AR regulations and SIP.</p>	Periodic Planning Calls / EOY Review	Ongoing
12	<p>Participate in the Blue Skyways Collaborative, its Task Forces, Technical Workgroups, meetings, and projects, among others.</p> <p>ADEQ: BSC has not sent out any meeting or conference call notices.</p> <p>EPA: We appreciate ADEQ's participation in the BSC in the past when the BSC was more active. We encourage Arkansas to participate in any diesel funding opportunities offered that may become available through the BSC.</p>	EOY Review	Ongoing

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	SIP/Planning Activity	Output/Reporting Mechanism	Time Frame
13	<p>Review and concur on conformity determination revisions for non-attainment and maintenance areas for transportation related criteria pollutants (e.g., ozone, CO, PM2.5, PM10).</p> <p>ADEQ: Conformity determination revisions for Crittenden County, AR are subject of on-going discussions with WMATS Committee.</p> <p>EPA: We appreciate the State's commitment to the interagency consultation process.</p>	Conformity determination	As necessary
14	<p>Review air quality reports and take appropriate actions dealing with new areas violating attainment of any of the NAAQS.</p> <p>ADEQ: Ongoing</p> <p>EPA: We note that preliminary 2012 data indicates that Little Rock is violating the 2008 ozone NAAQS.</p>	Periodic Planning Calls / EOY Review	Ongoing
15	<p>Consult with and provide assistance to transportation agencies in maintenance areas and review transportation plans to ensure compliance with the SIP.</p> <p>ADEQ: Ongoing</p> <p>EPA: We appreciate the State's commitment to the interagency consultation process.</p>	Participation in interagency consultation process	As necessary

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	SIP/Planning Activity	Output/Reporting Mechanism	Time Frame
16	<p>Participate in consultation and evaluation of project-specific emissions, in accordance with general conformity requirements.</p> <p>ADEQ: Not required at this time.</p> <p>EPA: We acknowledge no projects in FY 2012 required general conformity analysis.</p>	Participation in interagency consultation process	As necessary

ADEQ Item #	Monitoring Activity	Output/Reporting Mechanism	Time Frame
17	<p>Report real time ozone and PM2.5 to AirNOW for cities required to report the AQI (state/local only).</p> <p>ADEQ: Ongoing</p> <p>EPA: Thank you for supporting the AirNOW system.</p>	AirNow	Ongoing [present target is within 20 minutes; long-term goal is 5 minutes]
18	<p>Notify 6PD-Q prior to establishing, modifying, relocating, or discontinuing any monitor and/or site.</p> <p>ADEQ: Done</p> <p>EPA: For FY 2012, ADEQ discontinued three PM2.5 sites that were identified in the 2011 annual network plan. The 2012 annual network plan identifies any requested changes to the network.</p>	Letter	30 days prior to change

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Monitoring Activity	Output/Reporting Mechanism	Time Frame
19	<p>Conduct quarterly QA checks for flow rates of PM_{2.5}speciation monitors. Target is for 75% completeness.</p> <p>ADEQ: Goals met.</p> <p>EPA: We confirm that ADEQ conducts QA checks for all PM and Pb and participates in the independent audits for PEP (PM_{2.5}) and NPAP (Gaseous monitors).</p>	AQS	Quarterly
20	<p>Consider expanding air quality reporting and forecasting to additional cities, including particle pollution forecasting.</p> <p>ADEQ: No cities added.</p> <p>EPA: We appreciate ADEQ's support for the AirNOW system.</p>	AirNow	On-going
21	<p>Certify 2011 NAAQS pollutant data in AQS and provide supporting documentation (state/local only, unless tribal work plan requirement).</p> <p>ADEQ: Deadline met.</p> <p>EPA: Region 6 received the documentation on May 3, 2012 and appreciates your timely submittal.</p>	Letter with appropriate AQS reports	5/1/12

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Monitoring Activity	Output/Reporting Mechanism	Time Frame
22	<p>Submit 2012 annual network plan required by 40 CFR § 58.10. The plan should address new applicable NAAQS monitoring requirements.</p> <p>ADEQ: Completed</p> <p>EPA: We appreciate the opportunity to discuss the draft annual network plan with the ADEQ prior to posting. We recognize ADEQ's work to finalize the network plan for the 30 day posting from July 1 to 30, 2012 and submittal on August 10, 2012.</p>	Network Assessment	07/01/12 (or as determined by alternate approved schedule)
23	<p>Produce quality data and submit updated Quality Management Plan and Quality Assurance Project Plans annually.</p> <p>ADEQ: 2012 QAPP approved; awaiting 2013 approval.</p> <p>EPA: QMP approved 03/02/12. AIRS/AFS Air Enforcement QAPP approved 03/12/12. Emissions Inventory QAPP approved 06/12/12. Ambient Air Monitoring QAPP approved 12/22/11.</p>	QMP and QAPP's	Annually; various dates (one year after approval date)

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Monitoring Activity	Output/Reporting Mechanism	Time Frame
24	<p>Submit all monitoring data including criteria and QA to AQS, according to schedule in 40 DFR Part 58. The target data completeness rate is 75% of the potential concentration values based on the operating EPA-funded state/local monitors and their sampling schedule. Target for QA data is 75% of checks required by 40 CFR 58.</p> <p>ADEQ: Deadlines met.</p> <p>EPA: We confirm that ADEQ submits criteria data and QA to AQS in a timely manner. We note that the Pb data has been entered through June 2012 after being delayed due to shipment to the contractor. During FY 2012, the ADEQ did experience less than 75% quarterly completeness for the following monitors: PM2.5 POC 2 (Q3 & Q4) at Stuttgart (05-001-0011) & PM2.5 POC 2 (Q3) at Conway (05-045-0002).</p>	AQS	<p>Quarterly, no later than 90 days after the end of the calendar quarter</p> <p>CY 11 Q3 12/31/11 CY 11 Q4 03/31/12 CY 12 Q1 06/30/12 CY 12 Q2 09/30/12</p>

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Monitoring Activity	Output/Reporting Mechanism	Time Frame
25	<p>Notify EPA Region 6 of any situation (such as monitor malfunction or data validation issue) that results in missing continuous data of more than 120 consecutive hours or two consecutive non-continuous samples and identify the corrective action taken to minimize the loss of data.</p> <p>ADEQ: Done</p> <p>EPA: For FY 2012, the Region 6 did not receive any notifications for data loss. Please note that missing data was noted for the following monitors: PM2.5 POC 1 at Stuttgart (05-001-0011) in October 2011; PM2.5 POC 2 at Stuttgart in September & October 2011; PM2.5 POC 1 at Marion (05-035-0005) in September 2011; Ozone POC 1 at Mena in May 2012; Ozone POC 1 at DSR (05-119-1008) in April through June 2012; PM2.5 POC 3 at El Dorado (05-139-0006) in June 2012.</p>	Letter or Email	As soon as possible, but no more than 14 days after the event
26	<p>Work with Region to resolve any backlog of flagged critical review records or exceptional events, as necessary.</p> <p>ADEQ: Done</p> <p>EPA: Region 6 did not receive any exceptional events for FY 2012. We did not note any flagged data for FY 2012.</p>	Conference calls	Quarterly

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Monitoring Activity	Output/Reporting Mechanism	Time Frame
27	<p>Implement remaining requirements addressed in the 2011 annual network plan associated with NCore so that each station is ready for full operation by December 27, 2011.</p> <p>ADEQ: Operational data met.</p> <p>EPA: NCore site PARR (05-119-0007) was operational by December 27, 2011.</p>	End-of-year review	12/27/11
28	<p>Operate monitors for NAAQS pollutants, PM_{2.5} speciation, and PAMS according to 40 CFR Part 58, approved monitoring plans, and/or grant agreements including QMPs and QAPPs.</p> <p>ADEQ: Done</p> <p>EPA: ADEQ monitors for NAAQS pollutants and PM_{2.5} speciation according to 40 CFR Part 58 and approved monitoring plans.</p>	End-of-year review	9/30/12
29	<p>Report data from operational NCORE multi-pollutant precursor gas monitoring sites to AQS.</p> <p>ADEQ: Done</p> <p>EPA: We confirm that ADEQ reports data from the NCore site.</p>	End-of-year review	9/30/12

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Monitoring Activity	Output/Reporting Mechanism	Time Frame
30	<p>Collaborate as needed with the Region as it performs Technical Systems Audits on 1/3 of Primary Quality Assurance Organizations. States/Locals should conduct Technical Systems Audits of their contract laboratories.</p> <p>ADEQ: Scheduled week of 11/26/12.</p> <p>EPA: The TSA was rescheduled for 2013.</p>		Scheduled TSA FY 2012

ADEQ Item #	Permitting Activity	Output/Reporting Mechanism	Time Frame
31	<p>Submit PSD permits, including major modifications, electronically to EPA Region 6, and NSR minor source permits as requested by EPA.</p> <p>ADEQ: Is this permit applications or draft permits? We only send PSD applications. We send all TV draft permits which would include PSD, if applicable.</p> <p>EPA: We acknowledge that ADEQ sends only PSD applications and Title V draft permits which would include PSD.</p>	As requested	Ongoing

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Permitting Activity	Output/Reporting Mechanism	Time Frame
32	<p>Respond to EPA's concerns on implementation of NSR program.</p> <p>ADEQ: No issued have been raised in this matter.</p> <p>EPA: EPA must implement a Federal Implementation Plan for PM2.5 PSD permitting if ADEQ does not adopt and submit PM2.5 PSD permitting regulations by July 2014. ADEQ has already initiated rulemaking for PM2.5 PSD regs but these rules have not been finally adopted.</p>	Monthly conference call	Within 90 days of notice from EPA
33	<p>Issue 78 % of major NSR permits within one year of receiving a complete permit application.</p> <p>ADEQ: ADEQ target goal is 6 months.</p> <p>EPA: Acknowledged</p>	End-of-year review	09/30/12
34	<p>Provide timeliness data on NSR permits issued for new major sources and major modifications by entering data including “the application accepted date” and “the permit issuance date” in to the RBLC national database.</p> <p>ADEQ: Done with final permit issuance.</p> <p>EPA: ADEQ has met this commitment.</p>	End-of-year review	09/30/12

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Permitting Activity	Output/Reportin g Mechanism	Time Frame
35	<p>Issue NSR permits consistent with CAA requirements and enter BACT/LAER determinations in the RBLC. Provide EPA 30 days notification for review of the Draft permits. Respond to EPA's concerns prior to issuing the final permit.</p> <p>ADEQ: ADEQ has no issues with this item.</p> <p>EPA: ADEQ has met this commitment.</p>	<p>http://mapsweb.rtpnc.epa.gov/RBLCWebbd/bb102.htm</p>	<p>BACT/LAER database entry within 30 days of final permit issuance.</p>
36	<p>Initiate revisions to existing state regulations to ensure permits contain appropriate controls to implement EPA's NAAQS standards including but not limited to NO2 1- Hr. standard, SO2 1-Hr. standard, and PM 2.5 standard. Also, work to ensure permits contain appropriate controls to implement the EPA NAAQS standards.</p> <p>ADEQ: Revisions initiated Sept 2012.</p> <p>EPA: R6 6PD-R agrees that ADEQ has initiated rulemaking for PM2.5 permitting; however we cannot provide feedback on the adequacy of the rules because these rules have not been finally adopted and ADEQ has not submitted as a SIP revision.</p>		

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Permitting Activity	Output/Reporting Mechanism	Time Frame
38	<p>Make case by case MACT determinations for all applicable sources under Section 112(g), including appropriate compliance monitoring measures, as appropriate</p> <p>ADEQ: This is done as appropriate; there were no 112(g) determinations in last FY.</p> <p>EPA: We agree.</p>	Implement 40 CFR 63 process requirements	As appropriate
39	<p>EPA has an agreement with ADEQ that for Title V actions, its 45-day review can start when the 30 day public review starts or when EPA receives the proposed permit and statement of basis, whichever is later. Since ADEQ's Title V and NSR programs and issues are merged, EPA has 45 days to review and comment on permits.</p> <p>EPA: When public comments are received or EPA comments on a draft Title V permit at public notice, EPA should receive another 45-day period to comment on any revised Title V permits and response to comments to determine if an objection is needed.</p>		

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Emission Inventory Activity	Reporting Mechanism	Time Frame
40	<p>Submit the 2010 State-wide emission inventories for criteria pollutants required by EPA's air emission reporting requirements, via CDX, for large point sources.</p> <p>ADEQ: Completed</p> <p>EPA : We appreciate ADEQ's submittal to the NEI.</p>	Submittal to NEI	12/31/11
41	<p>Submit available 2010 toxics inventories for large point sources via CDX.</p> <p>ADEQ: Ongoing</p> <p>EPA: We appreciate ADEQ's submittal of toxics data.</p>	Submittal to NEI	12/31/11
42	<p>Review and quality assure the integrated 2008 NEI for Hazardous Air Pollutants (HAP) and Criteria Air Pollutants (CAPs), as appropriate. Review and quality assure data for the National Air Toxics Assessment (NATA), as appropriate.</p> <p>ADEQ: Ongoing</p> <p>EPA: We appreciate ADEQ's work to review and update NEI data.</p>	End-of-year review	09/30/12

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Emission Inventory Activity	Reporting Mechanism	Time Frame
43	<p>Quality assure, validate, and revise NEI facility data using EIS components.</p> <p>ADEQ: Completed</p> <p>EPA: We appreciate ADEQ's work to review and update NEI data for facilities.</p>	End-of-year review	09/30/12

ADEQ Item #	Enforcement/Surveillance Activity	Output/Reporting Mechanism	Time Frame
44	<p>Submit a Compliance Monitoring Strategy or an update to the strategy, including the number of Major and 80% SM sources.</p> <p>ADEQ: Completed</p> <p>EPA: Agree. ADEQ submitted the FY 2011 CMS Plan on 10/21/11.</p>	Letter	Annually

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Enforcement/Surveillance Activity	Output/Reporting Mechanism	Time Frame
45	<p>Complete the universe of planned inspections / document findings consistent with the compliance monitoring strategy (CMS). Include:</p> <ul style="list-style-type: none"> Identify universe of Majors and 80% SM Complete other compliance monitoring inspections (e.g. PCEs). <p>ADEQ: All required inspections have been completed.</p> <p>EPA: ADEQ conducted FCEs at 168 of 205 Title V Majors (82%) and at 451 of 583 SM80s (77%), according to year end numbers we generated. The number of FCEs conducted by ADEQ staff is commendable – the requirement is 50% and 20%, respectively.</p>	AFS / Inspection Reports	Data input
46	<p>Report High Priority Violations to EPA in a timely manner consistent with HPV Policy.</p> <p>ADEQ: Done on Monthly EPA call.</p> <p>EPA: Agree.</p>	HPV conference call	Monthly
47	<p>State compliance monitoring and enforcement actions are conducted in accordance with federal minimum standards, state law and regulations.</p> <p>ADEQ: Review with EPA Monthly to ensure completeness.</p>	As required	Ongoing

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Enforcement/Surveillance Activity	Output/Reporting Mechanism	Time Frame
	EPA: Agree. ADEQ is to be commended for its State compliance monitoring and enforcement actions.		
48	<p>Enter all required and accurate data (minimum data requirements) into AIRS consistent with the October 1, 2008 Source Compliance and State Action Reporting (SFB83 Supporting Statement).</p> <ul style="list-style-type: none"> Review Database to ensure minimum data requirements are being entered into AFS Review CMRs to ensure accurate minimum data requirements are being offered into AFS <p>ADEQ: Reviewed Monthly during EPA call.</p> <p>EPA: Agree. ADEQ staff does an excellent job in data entry timeliness, accuracy, and completeness.</p>	AFS/HPV conference call	Monthly Ongoing
49	<p>Enter all required TV annual compliance certification information, including date due, date received, date reviewed, whether deviations were reported (Y/N), and compliance status, into AIRS.</p> <p>ADEQ: All data has been entered for FY 2012.</p> <p>EPA: Agree</p>	AFS	Daily

ADEQ FY 2012 State Air Program
End of Year Report

ADEQ Item #	Fayetteville Shale Region Special Project	Output/Reporting Mechanism	Time Frame
50	<p>Continue performing emissions inventory and ambient air monitoring in the Fayetteville shale region as described in the FY 10 project proposal and QAPP.</p> <p>ADEQ: Project completed.</p> <p>EPA: We received the final report for this project. Report was dated November 22, 2011.</p>	Final report and data collection as described in the QAPP	9/30/12